## 10/099,836

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(FILE 'HOME' ENTERED AT 15:33:52 ON 18 OCT 2004)
     FILE 'STNGUIDE' ENTERED AT 15:33:58 ON 18 OCT 2004
     FILE 'REGISTRY' ENTERED AT 15:36:49 ON 18 OCT 2004
1.1
               9 S PVLDLFRELLNELLEALKOKLK/SOEP
     FILE 'CAPLUS' ENTERED AT 15:38:53 ON 18 OCT 2004
               5 S L1
L2
               5 DUP REM L2 (0 DUPLICATES REMOVED)
L3
     FILE 'REGISTRY' ENTERED AT 15:39:44 ON 18 OCT 2004
L4
              0 S PVLDLFRELLNELLEALKQKLK/SQFP
              19 S PVLDLFRELLNELLEALKQKLK/SQSFP
L5
L6
              19 S L5 AND 22-29/SQL
L7
              10 S L6 NOT L1
     FILE 'CAPLUS' ENTERED AT 15:40:45 ON 18 OCT 2004
Г8
               4 S L7
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L9
             62 S [AGQNDP] [AVIL] [LF] [ED] [LF] [LF] [TSHENQDKR] [EDHRK] [GL] [LWG] [TSH
L10
              62 S L9 AND 22-29/SQL
L11
             53 S L10 NOT L1
L12
             43 S L11 NOT L7
     FILE 'CAPLUS' ENTERED AT 15:44:33 ON 18 OCT 2004
L13
              4 S L12
L14
             36 S (DASSEUX, J? OR DASSEUX J?)/AU, IN
L15
             13 S (SEKUL, R? OR SEKUL R?)/AU, IN
L16
             29 S (BUTTNER, K? OR BUTTNER K?)/AU, IN
L17
             15 S (CORNUT, I? OR CORNUT I?)/AU, IN
L18
            159 S (METZ, G? OR METZ G?)/AU, IN
L19
             0 S (DUFOURCH, J? OR DUFOURCH J?)/AU, IN
L20
            221 S L14 OR L15 OR L16 OR L17 OR L18 OR L19
L21
             17 S L20 AND (APO?)
L22
             17 DUP REM L21 (0 DUPLICATES REMOVED)
L23
             17 S L22
L24
             5 S L3
L25
             12 S L22 NOT (L3 OR L8 OR L13)
L26
              0 S L25 AND (D) (2A) (AMINO) (2A) (ACID?)
L27
              0 S L25 AND (D-AMINO?)
L28
           1861 S (APOA-I)
L29
              5 S L28 AND (D) (2A) (AMINO) (2A) (ACID?)
L30
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L31
              0 S L28 AND ENANTIOMER?
L32
              4 S L28 AND D-AMINO?
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L34
              4 S L33 AND (STABL? OR STABILIZ?)
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L37
             61 S L36
L38
              2 S L36 AND PHARM?
L39
             61 S L33 OR L35
L40
              4 S L39 AND CHOLES?
L41
          55525 S (ORAL) (3A) (ADMINISTR?)
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             27 S L41 AND (D) (2A) (AMINO) (3A) (ACID?)
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             27 DUP REM L42 (0 DUPLICATES REMOVED)
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L1 ANSWER 1 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN RN 618094-53-4 REGISTRY

SEQ 1 PVLDLFRELL NELLEALKQK LK

HITS AT: 1-22

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

L1 ANSWER 2 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN

RN 503625-74-9 REGISTRY

SEQ 1 PVLDLFRELL NELLEALKQK LK

HITS AT: 1-22

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

L1 ANSWER 3 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN

RN 222405-87-0 REGISTRY

SEQ 1 PVLDLFRELL NELLEALKQK LK

HITS AT: 1-22

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

L1 ANSWER 4 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN

RN 221883-68-7 REGISTRY

SEQ 1 PVLDLFRELL NELLEALKQK LK

HITS AT: 1-22

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

L1 ANSWER 5 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN

RN 221882-76-4 REGISTRY

SEQ 1 PVLDLFRELL NELLEALKQK LK

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HITS AT: 1-22

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

L1 ANSWER 6 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN

RN 221882-53-7 REGISTRY

SEQ 1 PVLDLFRELL NELLEALKQK LK

HITS AT: 1-22

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

L1 ANSWER 7 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN

RN 221882-42-4 REGISTRY

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HITS AT: 1-22

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

L1 ANSWER 8 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN

RN 221882-20-8 REGISTRY

SEQ 1 PVLDLFRELL NELLEALKQK LK

HITS AT: 1-22

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

L1 ANSWER 9 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN

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     Peptide and peptide analog apolipoprotein A-I agonists and their use to
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     treat dyslipidemic disorders
     Dasseux, Jean-louis; Sekul, Renate; Buttner, Klaus; Cornut, Isabelle;
TN
     Metz, Gunther; Dufourcq, Jean
PA
     Germany
SO
     U.S. Pat. Appl. Publ., 146 pp., Cont. of U.S. Ser. No. 453,834.
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     Metz, Gunther
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     Peptide/lipid complex formation by co-lyophilization
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     Dasseux, Jean-Louis
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     1999:233813 CAPLUS
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     Apolipoprotein A-I agonists and their use to treat dyslipidemic disorders
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     Dasseux, Jean-Louis; Sekul, Renate; Buttner, Klaus; Cornut, Isabelle;
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     Metz, Gunther; Dufourcq, Jean
PA
     PCT Int. Appl., 280 pp.
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AN
     1999:233772 CAPLUS
     130:262129
DN
     Apolipoprotein A-I \alpha-helical peptide analogs as agonists for
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IN
     Dasseux, Jean-Louis; Sekul, Renate; Buttner, Klaus; Cornut, Isabelle;
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PΑ
     PCT Int. Appl., 232 pp.
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ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
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     139:358775
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     Peptide and peptide analog apolipoprotein A-I agonists and their use to
ΤI
     treat dyslipidemic disorders
     Dasseux, Jean-louis; Sekul, Renate; Buttner, Klaus; Cornut, Isabelle;
IN
     Metz, Gunther; Dufourcq, Jean
PA
     Germany
     U.S. Pat. Appl. Publ., 146 pp., Cont. of U.S. Ser. No. 453,834.
SO
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     Metz, Gunther
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     Germany
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     MARPAT 130:276755
OS
                THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
                ALL CITATIONS AVAILABLE IN THE RE FORMAT
     ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
L8
AN
     1999:233772 CAPLUS
DN
     130:262129
ΤI
     Apolipoprotein A-I \alpha-helical peptide analogs as agonists for
     treatment of dyslipidemias
     Dasseux, Jean-Louis; Sekul, Renate; Buttner, Klaus; Cornut, Isabelle;
IN
     Metz, Gunther; Dufourcq, Jean
PA
     PCT Int. Appl., 232 pp.
SO
     CODEN: PIXXD2
DТ
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     English
LA
FAN.CNT 1
     PATENT NO.
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OS
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ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
L13
     2003:855644 CAPLUS
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     139:358775
DN
     Peptide and peptide analog apolipoprotein A-I agonists and their use to
ΤI
     treat dyslipidemic disorders
     Dasseux, Jean-louis; Sekul, Renate; Buttner, Klaus; Cornut, Isabelle;
IN
     Metz, Gunther; Dufourcq, Jean
PA
     U.S. Pat. Appl. Publ., 146 pp., Cont. of U.S. Ser. No. 453,834.
SO
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DT
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     2003:242031 CAPLUS
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     138:281126
     Peptide and peptide analog apolipoprotein A-I agonists, and their use to
ΤI
     treat dyslipidemic disorders
     Dasseux, Jean-louis; Sekul, Renate; Buttner, Klaus; Cornut, Isabelle;
TN
     Metz, Gunther
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     Germany
     U.S. Pat. Appl. Publ., 135 pp., Cont.-in-part of U.S. 465,718.
SO
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     English
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     ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
L13
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     1999:233813 CAPLUS
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     Apolipoprotein A-I agonists and their use to treat dyslipidemic disorders
ΤI
     Dasseux, Jean-Louis; Sekul, Renate; Buttner, Klaus; Cornut, Isabelle;
IN
     Metz, Gunther; Dufourcq, Jean
PA
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     PCT Int. Appl., 280 pp.
SO
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              THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD.
RE.CNT 3
             ALL CITATIONS AVAILABLE IN THE RE FORMAT
    ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
L13
    1999:233772 CAPLUS
\mathbf{A}\mathbf{N}
DN
     130:262129
    Apolipoprotein A-I \alpha-helical peptide analogs as agonists for
TI
     treatment of dyslipidemias
    Dasseux, Jean-Louis; Sekul, Renate; Buttner, Klaus; Cornut, Isabelle;
IN
     Metz, Gunther; Dufourcq, Jean
PA
     PCT Int. Appl., 232 pp.
SO
     CODEN: PIXXD2
DТ
     Patent
LA
     English
FAN.CNT 1
                                DATE APPLICATION NO.
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                               19990408 WO 1998-US20329 19980928
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PRAI US 1997-940136
     WO 1998-US20329
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OS
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19991221

19970929

US 1997-940095

L40 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1992:631070 CAPLUS

DN 117:231070

mecro film

TI Turnover of synthetic class A amphipathic peptide analogs of exchangeable apolipoproteins in rats. Correlation with physical properties

AU Garber, David W.; Venkatachalapathi, Y. V.; Gupta, Kiran B.; Ibdah, Jamal; Phillips, Michael C.; Hazelrig, Jane B.; Segrest, Jere P.; Anantharamaiah,

G. M.

CS Dep. Med., Univ. Alabama, Birmingham, AL, 35294, USA

SO Arteriosclerosis and Thrombosis (1992), 12(8), 886-94 CODEN: ARTTE5; ISSN: 1049-8834

DT Journal

LA English

## => d 4 ab

ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN L40 Peptide analogs of the class A amphipathic helixes from AB exchangeable apolipoproteins mimic apolipoprotein (apo) A-I in a number of ways, including the ability to activate the enzyme lecithin: cholesterol acyltransferase, to associate with HDL, and to form HDL-like particles in the presence of lipids. This study investigated the metabolic properties of several of these peptide analogs in the rat. Peptide analogs studied were L-18A (which mimics apolipoprotein amphipathic helical domains in its charge distribution), 37pA (a dimer of two 18A monomers separated by a proline), 18R (with reversed charge distribution compared with 18A), and D-18A (identical in amino acid sequence to 18A but synthesized from D-amino acids). Peptides were radiolabeled with 125I. In addition, metabolism of rat and human 125I-apo A-I and human 14C-apo A-I was studied; no significant differences in clearance of these prepns. were seen. Clearance data were fitted to multiexponential equations to give half-times of clearance; biexponential equations consistently provided the best nonlinear least-squares curve fit. The order of relative lipid affinity determined in vitro was 37pA > apo A-I > D-18A = L-18A > 18R. Half-times of clearance were in the same approx. rank order: 37pA and apo A-I, 6.9 h; D-18A, 4.0 h; L-18A, 4.6 h; and 18R, 0.9 h. Rats injected with L-18A had five times more radioactivity in the urine than did rats injected with D-18A. All urine radioactivity was present as free 125I in rats injected with L-18A or apo A-I but was present as intact peptide (with no free 125I) in rats injected with D-18A. The majority of radioactivity in L- and D-18A-injected rats was associated with the thyroid gland (in the case of L-18A), the liver, and the kidney. In summary, the rates of clearance of amphipathic helical peptides from the plasma compartment in rats decrease as the affinities of the peptides for lipoprotein surfaces increase. Stereoconformation did not affect the rate of clearance of peptide analogs. Although a significant proportion of radioactivity in L- and D-18A-injected animals was associated with the kidney, excretion of intact peptides in the urine did not appear to be a major route of clearance.

L43 ANSWER 5 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:150357 CAPLUS

DN 137:195286

TI Oral administration of an apo A-I mimetic peptide

synthesized from **D-amino acids** dramatically

reduces atherosclerosis in mice independent of plasma cholesterol

AU Navab, Mohamad; Anantharamaiah, G. M.; Hama, Susan; Garber, David W.; Chaddha, Manjula; Hough, Greg; Lallone, Roger; Fogelman, Alan M.

CS Department of Medicine, University California, Los Angeles, CA, 90095-1679, USA

Circulation (2002), 105(3), 290-292

CODEN: CIRCAZ; ISSN: 0009-7322

PB Lippincott Williams & Wilkins

DT Journal

SO

LA English

RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT